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Appl. No. 10/783,573
Amdt. Dated January 9, 2009
Reply to Office Action of July 9, 2008

Amendments to the Claims

This listing of claims will replace all prior versions and listings of the claims in this application.

Listing of Claims

1. (Currently Amended) A medication management system, for use with an information system and first and second input means; wherein the first input means delivers a medication order prescribed for a patient to the information system; and wherein the second input means inputs machine-readable patient-specific, drug container specific, and medical device specific delivery information from the patient, drug container, and medical device respectively; comprising:

a medical device of a given type selected from among a plurality of types adapted to perform a medication order prescribed for a patient, the given type of medical device being identified by a device type identifier input as part of the medical device specific delivery information input by the second input means;

a medication management unit adapted for electronic communication with the information system, the medical device and the second input means, the medication management unit having a processing unit and a storage medium coupled to the processing unit, the storage medium containing programming code executed by the processing unit to receive the delivery information from the second input means, request a medication order from the information system based on the delivery information received from the second input means, receive the medication order from the information system, translate the medication order into delivery programming code executable by the given type of medical device based on the device type identifier received from the second input means, and send the delivery programming code to the medical device based on the medication order;

the medical device having a processor and a memory coupled to the processor, the memory containing programming code executed by the processor to receive and execute the delivery programming code to thereby perform at the medication order prescribed for a patient; and

wherein the medication management unit programming code orders the medical device to

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modulate the delivery programming code and thereby performance of the medication order.

2. (Original) The system of claim 1, wherein the machine readable delivery information includes caregiver specific information from the caregiver and the medication management computer processing unit compares the caregiver specific information to a predetermined list of authorized caregivers who are authorized to administer medication to the patient.
3. (Currently Amended) The system of claim 1, wherein the medication management unit programming code orders the medical device to start execution of the delivery programming code and thereby performance of the medication order.
4. (Currently Amended) The system of claim 1, wherein the medication management unit programming code orders the medical device to stop execution of the delivery programming code and thereby performance of the medication order.
5. (Original) The system of claim 1, wherein the medication management unit programming code modulates a current medication order in the medical device.
6. (Original) The system of claim 1, wherein the medication management unit programming code establishes a patient-specific rule set for the delivery programming code, and orders the medical device to modulate performance of the medication order by adjusting the patient-specific rule set.
7. (Original) The system of claim 6, wherein the medication management unit programming code orders the medical device to adjust the patient-specific rule set based on updated patient-specific information.
8. (Original) The system of claim 7, wherein the medication management unit is in electronic communication with a monitoring device to receive the updated patient-specific information.
9. (Original) The system of claim 7, wherein the medication management unit is in electronic communication with a lab and receives lab results including the updated patient-specific information.
10. (Original) The system of claim 1, wherein the medication management unit requires a caregiver to confirm the modulation.

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11. (Original) The system of claim 10, wherein the confirmation by the caregiver takes place at the medical device.

12. (Currently Amended) A method for delivering programming code from an information system to perform a medication order prescribed for a patient to a medical device, comprising:

delivering a medication order prescribed for a patient to an information system via a first input means;

inputting machine-readable patient-specific, drug container specific, and medical device specific delivery information from the patient, drug container, and medical device respectively, to via a second input means; the medical device being of a given type selected from among a plurality of types adapted to perform a medication order prescribed for a patient, the given type of medical device being identified by a device type identifier read and input as part of the medical device specific delivery information by the second input means;

receiving the delivery information from the second input means at a medication management unit;

requesting an order from an information system based on the delivery information received from the second input means at the medication management unit;

receiving an the medication order from the information system at the medication management unit;

translating the medication order into delivery programming code executable by the given type of medical device based on the device type identifier received from the second input means;

sending at the delivery programming code to the medical device ~~based on the order at the medication management unit;~~

receiving and executing the delivery programming code at the medical device to perform at the medication order prescribed for a patient; and

sending an order from the medication management unit to the medical device to modulate the

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delivery programming code and thereby performance of the medication order.

13. (Original) The method of claim 12, further comprising inputting machine readable caregiver specific information into the second input means as delivery information and the medication management computer processing unit comparing the caregiver specific information to a predetermined list of authorized caregivers who are authorized to administer medication to the patient.

14. (New) The system of claim 1, wherein the medical device includes a machine readable medical device ID label thereon including in machine readable form serial number information that includes the device type identifier.